

# Converting Colors

HunterLab(72.5517, 20.7010,  
-32.2461)

Have a look what the booklet for  
HunterLab(72.5517, 20.7010,  
-32.2461) contains.

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# Color

**HunterLab(72.7118, 20.4962,  
-31.9807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B3FF
RGB	208, 179, 255
RGB Percent	82%, 70%, 100%
CMY	0.1843, 0.2980, 0.0000
CMYK	0.18, 0.30, 0.00, 0.00
HSL	263°, 100%, 85%
HSV	263°, 30%, 100%
XYZ	60.1825, 52.8701, 101.6407
YIQ	196.3350, -7.1120, 29.7840

# Conversions

## Conversions Part 2

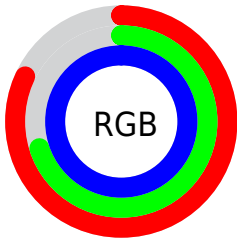
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 179, 255
Decimal	13677567
CIE Lab	77.80, 25.05, -33.74
CIE LCh	78, 42.022, 306.589
Yxy	52.8721, 0.2803, 0.2463
Android (android.graphics.Color)	4291867647 (0xFFD0B3FF)
YUV	196.3350, 28.9218, 10.2302
Hunter-Lab	72.7118, 20.4962, -31.9807

# Details

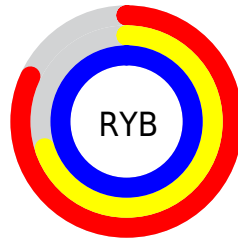
The HunterLab color  $72.7118, 20.4962, -31.9807$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $95.3645, -26.0157, 31.7913$ , and the grayscale version is  $74.3243, -3.9658, 4.0382$ .

A 20% lighter version of the original color is  $93.7532, 5.3789, -1.9659$ , and  $50.7654, 19.4264, -30.7760$  is the 20% darker color. If you saturate the color by 10%, you get  $64.3465, 29.7607, -47.0022$ , and if you desaturate by 10%, it is  $81.5210, 11.5594, -18.3727$ .

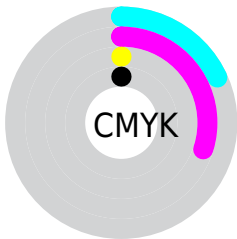
# Distribution



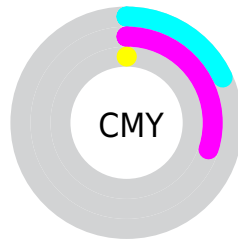
- Red (82%)
- Green (70%)
- Blue (100%)



- Red (82%)
- Yellow (70%)
- Blue (100%)



- Cyan (18%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7118, 20.4962, -31.9807 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 72.7118, 20.4962, -31.9807 by changing the saturation by 10% instead.



72.7118, 20.4962,  
-31.9807

72.7118, 20.4962,  
-31.9807

199.4478, 22.4686,  
-34.8050

61.4009, 19.9300,  
-31.4178

97.1680, 21.3767,  
-32.9563

50.7449, 19.2709,  
-30.8197

110.2532, 21.7083,  
-33.3686

40.7886, 18.5058,  
-30.2027

123.8781, 21.9745,  
-33.7295

31.5849, 17.6208,  
-29.6066

138.0222, 22.1801,  
-34.0400

23.2015, 16.5994,  
-29.1199

152.6670, 22.3290,  
-34.3012

15.7281, 15.4255,  
-28.9624

167.7960, 22.4248,

9.2922, 14.1075,

-34.5148

-29.8023

183.3942, 22.4704,  
-34.6822

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.7118, 20.4962,  
-31.9807

■ 72.7118, 20.4962,  
-31.9807

■ 64.3465, 29.7607,  
-47.0022

■ 81.5210, 11.5594,  
-18.3727

■ 56.5187, 39.3576,  
-63.7311

■ 90.6979, 2.9121,  
-5.9072

■ 49.3633, 49.1698,  
-82.3545

100.0000, -5.3358,  
5.4332

■ 43.0594, 58.8244,  
-102.7058

■ 37.8301, 67.4840,

-123.7839

■ 33.9046, 73.7555,  
-143.2603

■ 31.3149, 76.5933,  
-158.4885

■ 31.2699, 76.6392,  
-158.7733

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7132, 0.5832, -42.5818



72.7118, 20.4962, -31.9807



72.7132, 34.8895, -12.1331

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7132, 20.4947, -31.9783



72.7132, 12.0393, 30.1667



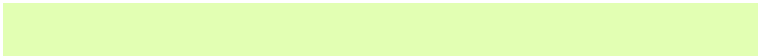
72.7132, -38.2859, -0.3674

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.7118, 20.4962, -31.9807



95.3645, -26.0157, 31.7913

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7132, -35.9232, 17.0472



72.7118, 20.4962, -31.9807



72.7132, -8.2453, 31.7324

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7132, 20.4947, -31.9783



72.7132, 29.6508, 22.5655



72.7132, -25.4211, 27.6349



72.7132, -32.2632, -21.4059



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7118, 20.4962, -31.9807



72.7132, 38.6356, 1.7472



72.7132, -25.4211, 27.6349



72.7132, -38.4353, 6.1014

# Sweetspot

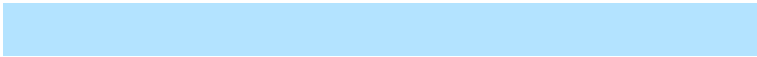
The Sweet Spot groups the original color and five complimentary colors.



72.7132, 20.4947, -31.9783



91.4485, 2.2292, -4.9491



84.7444, -13.1870, -14.2024



41.6792, 1.6048, -3.0955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7132, 20.4947, -31.9783



67.4703, 26.1970, -41.1038



76.7141, 32.7716, -25.2749



42.0898, 1.2299, -2.5681



22.7776, 55.5696, -113.6700



7.5202, 17.7629, -33.0035



# Inverse Universe

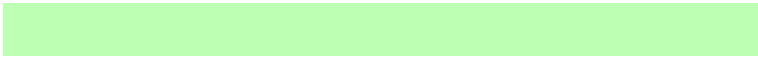
The Inverse Universe completely reimagines the original color for something new.



76.8069, 30.7987, -7.6756



72.5887, 38.4329, -9.8871



92.5263, -36.6837, 29.0423



42.6333, 2.7720, 0.4252



35.2467, 64.0904, -6.1336

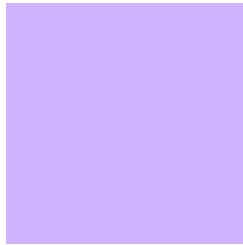


11.0948, 20.3459, -3.2629



# Previews

## White Background



This preview shows how the HunterLab color 72.7118, 20.4962, -31.9807 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

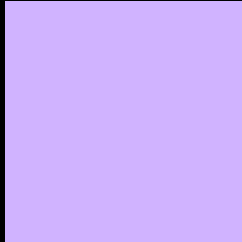
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.7118, 20.4962, -31.9807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

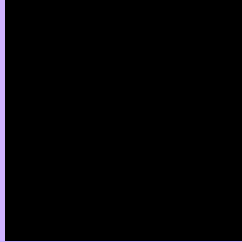
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 72.7118, 20.4962, -31.9807 Background



This preview shows how black text looks on a background with the HunterLab color 72.7118, 20.4962, -31.9807.



This preview shows how white text looks on a background with the HunterLab color 72.7118, 20.4962, -31.9807.

-31.9807.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

72.7118, 20.4962, -31.9807

### Protanopia

72.8324, 4.6898, -32.0554

### Deuteranopia

72.7681, 5.8224, -30.7749



## Tritanopia

72.7303, 1.9392, -1.7199

# Trichromacy



## Original Color

72.7118, 20.4962, -31.9807

## Protanomaly

72.6477, 10.1146, -32.2700

## Deuteranomaly

72.5758, 11.2766, -31.6827

## Tritanomaly

72.5136, 8.5521, -12.2489

# Monochromacy



## Original Color

72.7118, 20.4962, -31.9807

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

73.5636, 4.1307, -7.5065

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.7118, 20.4962, -31.9807 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.7118, 20.4962, -31.9807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 179, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 179, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.7118, 20.4962, -31.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
179, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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